



# Inside Wallops

National Aeronautics and Space Administration  
Goddard Space Flight Center  
Wallops Flight Facility, Wallops Island, Virginia

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## 2003 Poker Flat Launch Team Receives Award of Excellence

The Winter '03 Poker Campaign Team has received the Award of Excellence for Outstanding Teamwork. Recipients were recognized at a ceremony held on Wednesday, October 22, 2003, at Goddard Space Flight Center.

The award was presented to NASA Wallops employees, University scientists, U.S. Air Force and Poker Flat Research Range personnel in recognition of outstanding teamwork and support of the 2003 Poker Flat Launch Campaign.

The team launched seven sounding rockets that placed university payloads in a position to gather information to further our understanding of the composition of the upper atmosphere during an auroral event.

One of the rockets performed an in-flight maneuver that provided a first-of-its-kind placement of the payload such that a horizontal flight was obtained. This could not have been achieved without the dedication and professionalism of the entire team.

NASA Wallops Flight Facility team members include the following:

Brenda Harrie	Jay Brown	Renay Taylor	Linda Wiles
Jack Vieira	Claudia Underwood	Jack Smith	Bruce Scott
Rob Beyma	Tom Moskios	Tracy Gibb	Bill Payne
Dean Balach	Greg Ellis	Jim Diehl	Gary Outten
Mike Patterson	Steve Skees	Charles Lewis	Tom Marino
Greg Smith	Chico Ayers	Erick Johnson	Gordon Marsh
Jim Veney	Roland Wescott	Dave Jennings	Matthew Vaughn
Sharon Truitt	Frank Lau	Tim Branch	Kevin Mackey
Felipe Arroyo	Debbie Dukes	Brian Tucker	Joe McGee
Ed Melson	Jimmy Gladding	Dana Morrison	Jeff Cain
Charles Jacobs	Mark Lamberson	Charlie Cathell	Dave Boulter
Julian Hague	Mersha Bailey	Bernita Justice	Brian Rose
Tom Singer	Frank Balsis	Wayne Taylor	Dale Henderson
Charlie Bowden	Mike Drummond	Patrick McPhail	Walt Costello
Bob Ross	Chuck Way	Brent Weisiger	Reggie Justice
Ron Collins	Dan Bowden	Scott Hudson	Paul Levesque
Alex Lawson	Sam Duffee	Larry Rovin	
Mike Martone	Bill Jackson	Raoul Blondeel-Timmerman	
Ralph King	Gary Thomas		

## Wallops Shorts..... Launch

A NASA Terrier Mk70-Improved Orion was successfully launched from Wallops Island on October 24.

The objective of the mission was to evaluate the pointing accuracy of the NASA Sounding Rocket Operations Contract (NSROC) Magnetic Attitude Control System (NMACS) at multiple spin rates and configurations, gather environmental data on the new Terrier Mk70-Improved Orion vehicle and provide a platform for the NASA Ames Research Center Waverider instrument.

Preliminary indications are that the NMACS performed better than predicted, good data was received from telemetry and the Waverider performed nominally.

The principal investigator was David Krause, NSROC. The mission manager was Ted Gass, NSROC, and the project manager was Dave Moltedo, NASA Range and Mission Management Office.



NSROC Photo  
View of the NMACS roll jets firing on the main payload as seen from the Waverider aft camera.

## Eastern Shore Students to Fly Experiments on the Space Station

A group of Eastern Shore students spent the day at NASA Wallops Flight Facility on October 20 working with Shuttle Small Payloads Project Office personnel preparing their experiments for flight to the International Space Station.



Photo by Berit Bland.  
**Students check for radiation using a Gieger counter.**

The experiment from the Walkersville Christian Family School, an organization of home schools on the Shore, is one of 11 experiments provided by students from across the United States.

The local students are studying the effect of long-term space flight on brine shrimp and triop eggs and selected vegetable seeds.

The experiments will be launched to the Space Station aboard a Russian Progress launch vehicle in early 2004.

## Acting Chief Appointed

Craig L. Purdy has been appointed Acting Chief of the Balloon Program Office. Purdy will serve in this position until a permanent placement is named. He also will continue to serve as Deputy Director of Suborbital and Special Orbital Projects.

## On the Road

Ed Parrott, Wallops Teacher-on-Loan, visited Del-Mar Elementary School on October 21 and did a presentation on Life in Space.

**Thrift Savings Plan  
Open Season  
October 15 -- December 31,  
2003**

# Oktoberfest 2003



This year's Oktoberfest, held October 25 featured

Face Painting - Egg Toss - Hay Rides - Pumpkin Painting - Balloons - Food - Sunshine the Clown



## First Flight To Space Flight A Comparison

Wright Flyer		Space Shuttle
8 feet 1 inch	Height	184 feet, 2 ½ inches
650 pounds	Weight	4.5 million pounds
40 feet, 4 inches	Wingspan	78.06 feet
Four-cylinder	Power	Three main engines at 393,800 pounds of thrust each/two solid rocket boosters of 3.3 million pounds of thrust each
10 mph	Flight Speed	17,322 mph
10 feet	Altitude	Maximum 400 miles
59 seconds	Flight Duration	17.5 days (longest to date)
120 feet	Distance Flown	Over 5 million miles per average flight
One	Passengers	Eight, maximum

### Halloween Safety

Witches, goblins and super-heroes will be descending on neighborhoods this Friday, help children have an enjoyable and safe Halloween. Trick-or-treating should be filled with surprises and fun, common sense practices can make the event safe.

### Scheduling the Use of Annual Leave — Due Date November 28, 2003

Use of Use or Lose Leave for civil service employees must be requested by you and approved for use by your supervisor by no later than November 28, 2003.

Submit your request through the OMNI system or in writing.

NOTE: The new timecard system, Webtads, will be implemented on November 30, 2003, but will not have records of leave submitted via OMNI. Therefore, please ensure written records of use or lose leave requests are kept.

### EAP Lunch & Learn Tuesday, October 28

Come and join Tom Northern, our EAP counselor in the Williamsburg Room of Building E-2 from 11:30 a.m. to 12:30 p.m. The topic for this month is, "The workplace rainbow".

Our workplace is comprised of people from many backgrounds including race, gender, religion and sex. Employees can appreciate these differences without feeling threatened by them. Come and join in the discussion. Bring your questions/concerns.

### IFM Support

Kevin Tesler will be at Wallops on October 29 and 30 for IFM support. From 9 a.m. to noon on both days there will be a PR and P-card presentation. A SAP, Business Warehouse, P-Card Open House will be held from 1 to 4 p.m. each day.

All presentations will be in Building D1, Room S214. Call Tesler on x1320 or call the IFM Help Desk on 66-4436.

### Oktoberfest, Thanks!

I want to extend my thanks to those who coordinated the Oktober Fest. My daughters and I had a pleasant time on Saturday. My seven year old especially enjoyed herself. The games and activities were wonderful for her age group. The prizes were very much appreciated.

Thanks Again,  
Tracy

*Inside Wallops* is an official publication of Goddard Space Flight Center and is published by the Wallops Office of Public Affairs, Extension 1584, in the interest of Wallops employees. Recent and past issues of *Inside Wallops* may be found on the NASA Wallops Flight Facility homepage: [www.wff.nasa.gov](http://www.wff.nasa.gov)

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